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10/083,041	02/26/2002	Stefan Vilsmeier	SCHWP0110USB	3241
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Don W. Bulson, Esq. RENNER, OTTO, BOISSELLE & SKLAR, LLP Nineteenth Floor 1621 Euclid Avenue Cleveland, OH 44115-2191			JAWORSKI, FRANCIS J	
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Requested copy Attached.

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Sheet 1

Form PTO-1449 (Modified) <i>11/11/2002</i>	Atty Docket No. SCHWP0110USB	Serial No. 10/083,041
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		
(Use several sheets if necessary)	Applicant: Stefan Vilsmeier	Filing Date February 26, 2002
	Group 3737	

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub-class	Filing Date if Appropriate
<i>W</i>	4,722,056	01/1988	Roberts et al.			
	4,791,934	12/1988	Brunnett			
	4,860,331	08/1989	Williams et al.			
	4,955,891	09/1990	Carol			
	5,197,476	03/1993	Nowacki et al.			
	5,230,338	07/1993	Allen et al.			
	5,251,127	10/1993	Raab			
	5,295,483	03/1994	Nowacki et al.			
	5,305,203	04/1994	Raab			
	5,309,913	05/1994	Kormos et al.			
	5,315,630	05/1994	Sturm et al.			
	5,320,462	06/1994	Johanson et al.			
	5,383,454	01/1995	Bucholz			
	5,389,101	02/1995	Heilbrun et al.			
	5,394,457	02/1995	Leibinger et al.			
	5,394,875	03/1995	Lewis et al.			
	5,397,329	03/1995	Allen			
	5,411,026	05/1995	Carol			
	5,446,548	08/1995	Gerig et al.			
	5,494,034	02/1996	Schlöndorff et al.			
	5,551,429	09/1996	Fitzpatrick et al.			
	5,588,430	12/1996	Bova et al.			
	5,603,318	02/1997	Heilbrun et al.			
	5,617,857	04/1997	Chader et al.			
<i>V</i>	5,622,170	04/1997	Schultz			

Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub-class	Filing Date if Appropriate
✓	5,630,422	05/1997	Zanakia			
	5,630,431	05/1997	Taylor			
	5,643,268	07/1997	Vilsmeier et al.			
	5,662,111	09/1997	Cosman			
	5,676,673	10/1997	Ferre et al.			
	5,681,326	10/1997	Lax			
	5,682,890	11/1997	Kormos et al.			
	5,695,500	12/1997	Taylor et al.			
	5,695,501	12/1997	Carol et al.			
	5,704,897	06/1998	Truppe			
	5,748,767	05/1998	Raab			
	5,755,725	05/1998	Druais			
	5,769,861	06/1998	Vilsmeier			
	5,772,594	06/1998	Barrick			
	5,836,954	11/1998	Heilbrun et al.			
✓	5,851,183	12/1998	Bucholz			
✓	5,921,992	07/1999	Costales et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Country	Class	Sub-class	Translation	
						Yes	No
✓	94/23647	10/1994	WO				
✓	296 00 990 U1	05/1996	DE				
✓	41 34 481 A1	04/1993	DE				

OTHER ART

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
✓	Adams, Ludwig et al., "Computer-Assisted Surgery", May 1990, pages 43-51.
	Aesculap, SPOCS Surgical Planning and Orientation Computer System, 4 pages.
	Alvertos, Nicolas, "Camera Geometrics for Image Matching in 3-D Machine Vision", September 1989, pages 897-915.
✓	"The BrainLAB Neuronavigation System".
✓	Castleman, Kenneth R., "Digital Image Processing", pages 364-369

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
	Dhond, Umesh R., "Structure from Stereo - A Review", December 1989, pages 1489-1510.
	Foley, J.D. et al., "Fundamentals of Interactive Computer Graphics", July 1984, pages 245-266.
	Gonzalez, Rafael C. et al., "Digital Image Processing", November 1987, pages 52-54.
	Herausgegeben von Hubert Leitner et al., "Fixierung, Positionierung und Bewegungsüberwachung des Patienten in der Ganzkörperstereotaxie", September 11-14, 1996, pages 271-274.
	Karlsson, Dan, "Kinematic Gait Analysis Using the Macreflex System", pages 52-58.
	Kelly, Rick J., "Volumetric Stereotactic Surgical Resection of Intra-axial Brain Mass Lesions", pages 1186-1198.
	Kosugi, Yukio et al., "An Articulated Neurosurgical Navigation System Using MRI and CT Images", February 1988, pages 147-152.
	Radionics, The Operating Arm, 1996, 6 pages.
	Sofamor Danek, Stealth Station Image Guided Surgery System, 1996, 6 pages.
	Stone, Harold S., "Moving Parts of an Image", page 254.
	Tan, Kim K. et al., "A Frameless Stereotactic Approach to Neurosurgical Planning Based on Retrospective Patient-Image Registration", August 1993, pages 296-303.
	Von Hanwehr, Roger et al., "Computerized Medical Imaging and Graphics", 1994, pages 292-299.
	Wolff, Robert S. et al., "Visualization of Natural Phenomena", pages 66-67.
	Wolfe, William L. et al., "The Infrared Handbook", 1978, pages 63-77.
	Young, Ronald F., "Application of Robotics to Stereotactic Neurosurgery".
	Zeiss, Carl, Stereotactic Systems, 1995, 8 pages.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement PTO-1449 (Modified)

The identification of any reference is not intended to be, and should not be understood as being, an admission that such publication, in fact, constitutes "prior art" within the meaning of applicable law since, for example, a given reference may have a later effective date than first seems apparent or the reference may have an effective date which can be antedated. The "prior art" status of any reference is a matter to be resolved during prosecution.
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